
Rural District of Glendale.

ANNUAL REPORT for 1905.

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IN 1901 the population of Glendale was 8,770, which may be taken as the population of 1905.

The number of births in 1905 was 184, equal to a birth rate of 20·98 per 1,000 of the population. This, although an increase of seven over that of 1904, is a very low birth rate when compared with the birth rate of the county as a whole, which in 1904 was 29·42. In 1904 Glendale had the lowest birth rate of any rural district in the county, when the birth rate of the rural districts in the county as a whole was 26·21.

The number of deaths from all causes was 111, the same number as in 1904, and equal to a death rate of 12·65. This is not a high death rate, as it is 3·34 below the average for the rural districts of the county, and

4·16 below the death rate of the whole county in 1904. In the Wooler district alone there were 58 deaths, as against 56 in 1904; and in Ford district there were 48 as against 50 in 1904. In the Workhouse were 5 deaths.

The deaths under one year of age were 20, a large increase over the number (9) in 1904, and also double the number in 1903. This gives a death rate per 1,000 births registered of 108·6, which however is much below the average of the rural districts of the county, which was 141·73 in 1904; and of England and Wales, which was 146·0 in 1904. On referring to Table V. it will be seen that this great increase in infant mortality is in great measure due to the large number that died under the age of one week, namely 9, and of these 6 were premature. As will also be seen from Table V., 10 died under two weeks of age, and of the other 10 that died between the ages of one and twelve months, only one was certified as having died of gastro-intestinal catarrh. Of these 10, 1 died from whooping cough, 2 from tubercular meningitis, 1 from tubercular peritonitis, 2 from convulsions, 2 from bronchitis, and 1 from pneumonia.

The total number of deaths under five years of age was 25, an increase of 8 over the number in 1904, due to

the increase under one year of age, as the number of deaths between one and five years of age was 5, compared to 8 in the previous year. This gives a death rate of 2·8 per 1,000 of the population as compared with 1·9 in the previous year. The number of deaths at five years of age and upwards was 86, giving a death rate of 9·8 as compared with 10·7 in 1904. Of this number only 1 died between the ages of 5 and 15, and none between 15 and 25. Of the 86, the large number of 51 reached the age of 65 and over, and of these 12 reached the age of 80 and over.

One death was due to each of the following diseases:—whooping cough, diphtheria, puerperal fever, erysipelas, and pleurisy; while enteritis caused 5 deaths, phthisis 7 deaths, other tubercular diseases 6 deaths, cancer 9 deaths, bronchitis 4 deaths, and pneumonia 5 deaths.

Zymotic diseases caused 2 deaths, 1 due to diphtheria and 1 due to whooping cough. This is equal to a death rate of 0·22 as compared to 0·11 in 1904 which was the lowest but one in the county. Phthisis caused 7 deaths, equal to a death rate of 0·79, which was a decrease from 1·14 in 1904, and less than the county as a whole which was 1·17 in 1904. Enteritis caused 5 deaths, a comparatively small number probably due in great measure to

the absence of severe cases of epidemic influenza, which is often followed by severe enteritis.

As will be seen from Table III. the infectious diseases notified during 1905 number 24. This is a small number, although 3 more than in 1904. Of this number 11 occurred in the Wooler district, and 13 in the Ford district. Seven cases of erysipelas were notified in the Wooler district, while 1 was notified in the Ford district; of the 12 cases of scarlet fever notified, 2 were in Wooler district and 10 in the Ford district. Of these 10 cases in the Ford district 4 occurred in one family, and 5 in another family at the same farm, and the type was so mild that the parents did not seek medical advice until in some of the cases the skin began to peel. There were 2 cases of diphtheria both occurring in January in the Ford district, both cases were visitors who had been in the district only a day or two when they became ill. In 1904 the number of cases of diphtheria notified was 11. One case of enteric fever was notified where a defective drain was found to exist, and the well was not properly protected from contamination, both defects were remedied. German measles threatened to spread in the Howtle School area and the school was closed for three weeks during July. No other infectious disease assumed an epidemic form.

The three slaughter houses which were finished during the year have been occupied for some time, and the fourth slaughter house, which the Council decided subsequently to erect to accommodate the fourth butcher, is nearing completion. It has been made larger than the others so as to accommodate any special need that might arise.

The Wooler Sewage Disposal Works were completed in the spring, but so far do not seem to have been giving such a satisfactory effluent from the filter beds as they ought. This, in the opinion of the engineer, is due to the unusually large amount of fluid entering the works in proportion to the population of Wooler. A few houses in Wooler are still unconnected with the works.

Owing to the prolonged period of dry weather during the year many places in the district suffered from the want of water, but none so badly as Lowick, where, except during long continued wet weather, the supply is never abundant. Steps are being taken at the end of the year, which it is hoped may prove successful, to obtain a supplementary supply.

In Wooler two new houses have been built in Glendale Road, and nine new cottages are in course of erection in the Back Lane; also a house in High Street has

had a new closet added. Two new cottages are being erected at Wooler Cottage Farm on a much improved site.

At South Middleton a good water supply has been conveyed to the cottages, and at North Middleton one good cottage has been built in place of two old ones.

At Coldgate Mill various repairs have been carried out, and a new closet and ashpit added.

The Red Lion Inn, at Barmoor, has been generally improved, two bedrooms have been added upstairs, and new drains have been laid down. The stable adjoining the house has been thoroughly repaired.

The Keeper's Lodge, at Fowberry, has been enlarged, a bedroom, sitting room, scullery, and pantry having been added.

At Hetton House new piggeries have been built.

At West Learmouth an entirely new drainage system has been laid down to the farm cottages.

At East Learmouth privies and pigstyes for eight cottages have been re-modelled and re-built.

At Barelees the sewerage drain to the farm house has been re-modelled.

The cottages at Milfield Demesne have had a new water supply laid on and a new sewerage drain put in.

At Etal Village a new sewerage drain has been laid down to the lodge.

The new water supply to Ford Wood House and Routin Linn was completed during the spring.

New privies have been added to cottages at Lilburn Burn Houses.

Visits were paid from time to time to the various workshops in the district. No defects were discovered during the year.

The Inspector of Nuisances has regularly reported his proceedings, and kept me informed of matters requiring my attention.

ALEXANDER DEY,

MEDICAL OFFICER OF HEALTH.



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TABLE I.

GLENDALE RURAL DISTRICT.—VITAL STATISTICS OF WHOLE DISTRICT DURING 1905 AND PREVIOUS YEARS.

YEAR.	Population estimated to Middle of each Year.	BIRTHS.		TOTAL DEATHS REGISTERED IN THE DISTRICT.				TOTAL DEATHS IN PUBLIC INSTITU- TIONS IN THE DISTRICT.	Deaths of Non- residents registered in Public Institu- tions in the District.	Deaths of Residents registered in Public Institu- tions beyond the District.	NETT DEATHS AT ALL AGES BELONGING TO THE DISTRICT.	
		Number.	Rate.*	Under 1 Year of Age.		At all Ages.					Number.	Rate.*
				Number.	Rate per 1,000 Births registered.	Number.	Rate.*					
1	2	3	4	5	6	7	8	9	10	11	12	13
1895.....	10,156	207	20.3	20	96.0	144	14.7	3				
1896.....	10,156	233	22.9	16	98.7	120	11.8	5				
1897.....	10,156	184	18.0	14	76.0	127	12.5	0				
1898.....	10,156	199	20.0	18	90.0	137	13.4	3				
1899.....	10,156	187	18.5	16	85.0	126	12.5	5				
1900.....	10,156	167	16.4	18	107.7	142	13.9	3				
1901.....	8,770	188	21.4	26	138.3	125	14.2	3				
1902.....	8,770	181	20.6	17	93.9	125	14.2	8				
1903.....	8,770	192	21.8	10	52.0	93	10.0	5				
1904.....	8,770	177	20.01	9	50.84	111	12.6	5				
Averages for years 1895-1904	} 9,601.6	191.5	19.8	16.4	83.7	125	13.01	4				
1905.....	8,770	184	20.98	20	108.6	111	12.6	5				

* Rates in Columns 4, 8, and 13 calculated per 1,000 of estimated population.

NOTE.—The deaths to be included in Column 7 of this Table are the whole of those registered during the year as having actually occurred within the district or division. The deaths to be included in Column 12 are the number in Column 7, corrected by the subtraction of the number in Column 10 and the addition of the number in Column 11.

By the term "Non-residents" is meant persons brought into the district on account of sickness or infirmity, and dying in public institutions there; and by the term "Residents" is meant persons who have been taken out of the district on account of sickness or infirmity, and have died in public institutions elsewhere.

The "Public institutions" to be taken into account for the purposes of these Tables are those into which persons are habitually received on account of sickness or infirmity, such as hospitals, workhouses, and lunatic asylums. A list of the Institutions in respect of the deaths in which corrections have been made should be given on the back of this Table.

Area of District in acres (exclusive of area covered by water).	Total population at all ages.	8,770	{ At Census of 1901.
.....	.....	Number of inhabited houses	—
.....	.....	Average number of persons per house within the District?—Yes.	—

TABLE II.

GLENDALE RURAL DISTRICT.—VITAL STATISTICS OF SEPARATE LOCALITIES IN 1905 AND PREVIOUS YEARS.

NAMES OF LOCALITIES.	WHOLE DISTRICT.				WOOLER.				FORD.				WORKHOUSE.			
	Population esti- mated to middle of each Year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each Year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each Year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.	Population esti- mated to middle of each Year.	Births registered.	Deaths at all Ages.	Deaths under 1 year.
YEAR.	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>	<i>a</i>	<i>b</i>	<i>c</i>	<i>d</i>
1895	10,156	207	144	20	5,100	107	75	9	5,033	98	66	11	29	2	3	...
1896.....	10,156	233	120	16	5,100	138	54	9	5,033	95	61	7	23	...	5	...
1897.....	10,156	184	127	14	5,100	92	68	9	5,033	92	59	5	25	...	...	...
1898	10,156	199	137	18	5,100	112	64	7	5,033	87	70	11	23	...	3	...
1899.....	10,156	187	126	16	5,100	101	61	8	5,033	86	60	8	23	...	5	...
1900.....	10,156	167	142	18	5,100	99	83	10	5,033	68	56	7	21	...	3	...
1901.....	8,770	188	125	26	4,549	105	61	17	4,200	82	61	9	21	1	3	...
1902.....	8,770	181	125	17	4,549	100	60	10	4,200	81	57	7	20	...	8	...
1903.....	8,770	192	93	10	4,549	106	35	5	4,200	86	53	5	35	...	5	...
1904.....	8,770	177	111	9	4,549	101	56	5	4,200	76	50	4	28	...	5	...
Averages of years 1895 to 1904.	9,601.6	191.5	125	16.4	4,879.6	106.1	61.7	8.9	4,699.8	85.1	59.3	7.4	24.8	.3	4	...
1905.....	8,770	184	111	20	4,549	96	58	11	4,200	86	48	9	28	2	5	...

NOTES.—(a) The separate localities adopted for this Table should be areas of which the populations are obtainable from the census returns, such as wards, parishes, or groups of parishes, or registration sub-districts. Block 1 may, if desired, be used for the whole district; and blocks 2, 3, &c., for the several localities. In small districts without recognised divisions of known population this Table need not be filled up.

(b) Deaths of residents occurring in public institutions beyond the district are to be included in sub-columns *c* of this Table, and those of non-residents registered in public institutions in the district excluded. (See note on Table I. as to meaning of terms “resident” and “non-resident.”)

(c) Deaths of residents occurring in public institutions, whether within or without the districts are to be allotted to the respective localities, according to the addresses of the deceased.

(d) Care should be taken that the gross totals of the several columns in this Table respectively equal the corresponding totals for the whole districts in Tables I. and IV.; thus, the totals of sub-columns *a*, *b*, and *c* should agree with the figures for the year in the columns 2, 3, and 12, respectively, of Table I.; the gross total of the sub-columns *c* should agree with the total of column 2 in Table IV., and the gross total of sub-columns *d* with the total of column 3 in Table IV.

TABLE III.

GLENDALE RURAL DISTRICT.—CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1905.

NOTIFIABLE DISEASE.	CASES NOTIFIED IN WHOLE DISTRICT.							TOTAL CASES NOTIFIED IN EACH LOCALITY.							NO. OF CASES REMOVED TO HOSPITAL FROM EACH LOCALITY.						
	At all Ages.	AT AGE†—YEARS.						Wooler District.	2 Ford District.	3	4	5	6	7	1	2	3	4	5	6	7
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.	65 and upwards.														
Small-pox	2	..	..	..	..	..	..	..	2												
Cholera	8	..	..	..	..	..	..	7	1												
Diphtheria	12	..	..	..	..	..	..	2	10												
Membranous Croup	1	..	..	..	..	..	..	1	..												
Erysipelas .....		..	..	..	..	..	..							
Scarlet Fever .....		..	..	..	..	..	..							
Typhus Fever .....		..	..	..	..	..	..							
Enteric Fever .....		..	..	..	..	..	..							
Relapsing Fever .....		..	..	..	..	..	..							
Continued Fever .....		..	..	..	..	..	..							
Puerperal Fever	1	..	..	..	..	..	..	1	..												
Plague .....		..	..	..	..	..	..							
*																					
TOTALS.....	24	..	..	..	..	..	..	11	13												

NOTES.—The localities adopted for this Table should be the same as those in Tables II. and IV.

State in space below the name of the Isolation Hospital (if any) to which residents in the district, suffering from infectious disease, are usually sent. Mark (H) the locality in which it is situated, or if not within the district, state where it is situated, and in what district. Mark (W) the locality in which a workhouse is situated.

* This space may be used for record of other disease, the notification (compulsory or voluntary) of which is in force in the district.

† These age columns for notifications should be filled up in all cases where the Medical Officer of Health, by inquiry or otherwise, has obtained the necessary information.
Isolation Hospital?—Yes.

TABLE V.
GLENDALE RURAL DISTRICT.—INFANTILE MORTALITY DURING THE YEAR 1905.

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